

WHAT IS CLAIMED IS:

1. An E-mail device comprising:

a first detection module of detecting that a plurality  
of multicast target mail destination addresses exist in a

5 hysteresis; and

a generating module of executing a process of generating  
a group formed of the plurality of mail destination addresses,  
corresponding to the detection.

10 2. An E-mail device according to claim 1, further  
comprising a second detection module of detecting that there  
does not exist the group corresponding to the mail destination  
addresses existing in the hysteresis,

15 wherein said generating module executes the process of  
generating the group if there does not exist the group  
corresponding to the mail destination address.

20 3. An E-mail device according to claim 1, wherein said  
generating module includes an adding module of adding the group  
name corresponding to the mail destination address to group  
management information.

25 4. An E-mail device according to claim 3, wherein said  
adding module includes a providing module of providing an  
occasion of registering the group name corresponding to the mail  
destination address.

5. An E-mail device according to claim 4, wherein said adding module further includes a first registering module of registering the group name inputted by a user in the group management information on the occasion of registering the group  
5 name.

6. An E-mail device according to claim 5, wherein said adding module further includes a second registering module of registering a piece of registration reject state information  
10 in the group management information when the user rejects the registration of the group name on the occasion of registering the group name.

7. An E-mail device according to claim 4, further  
15 comprising a setting module of setting an input count of the mail destination address in the hysteresis in order to provide the occasion of registering the group name.

8. An E-mail device according to claim 3, wherein said  
20 adding module generates the group name by a predetermined algorithm and adds this group name to the group management information.

9. An E-mail device according to claim 1, further  
25 comprising a selecting module of enabling the user to select whether the process of generating the group is to be executed or not.

10. A method of generating a group of mail addresses,  
comprising:

- detecting that a plurality of multicast target mail  
5 destination addresses exist in a hysteresis; and  
executing a process of generating a group formed of the  
plurality of mail destination addresses, corresponding to the  
detection.

- 10 11. A method of generating a group of mail addresses  
according to claim 10, further comprising:  
detecting that there does not exist the group corresponding  
to the mail destination addresses existing in the hysteresis;  
and  
15 executing the process of generating the group if there  
does not exist the group corresponding to the mail destination  
address.

- 12. A method of generating a group of mail addresses  
20 according to claim 10, further comprising:  
adding the group name corresponding to the mail destination  
address to group management information.

- 13. A method of generating a group of mail addresses  
25 according to claim 12, further comprising:  
providing an occasion of registering the group name  
corresponding to the mail destination address.

14. A method of generating a group of mail addresses according to claim 13, further comprising:

5 registering the group name inputted by a user in the group management information on the occasion of registering the group name.

15. A method of generating a group of mail addresses according to claim 14, further comprising:

10 registering a piece of registration reject state information in the group management information when the user rejects the registration of the group name on the occasion of registering the group name.

15 16. A method of generating a group of mail addresses according to claim 13, further comprising:

setting an input count of the mail destination address in the hysteresis in order to provide the occasion of registering the group name.

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17. A method of generating a group of mail addresses according to claim 12, further comprising:

generating the group name by a predetermined algorithm and adding this group name to the group management information.

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18. A method of generating a group of mail addresses according to claim 10, further comprising:

enabling the user to select whether the process of generating the group is to be executed or not.

19. Areadable-by-computermediumrecordedwithaprogram,  
5 executed by a computer, comprising:  
a step of detecting that a plurality of multicast target  
mail destination addresses exist in a hysteresis; and  
a step of executing a process of generating a group formed  
of the plurality of mail destination addresses, corresponding  
10 to the detection.

20. Areadable-by-computermediumrecordedwithaprogram,  
executedbyacomputeraccordingtoclaim19, further comprising:  
a step of detecting that there does not exist the group  
15 corresponding to the mail destination addresses existing in the  
hysteresis; and  
a step of executing the process of generating the group  
if there does not exist the group corresponding to the mail  
destination address.

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21. Areadable-by-computermediumrecordedwithaprogram,  
executedbyacomputeraccordingtoclaim19, further comprising  
a step of adding the group name corresponding to the mail  
destination address to group management information.

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22. Areadable-by-computermediumrecordedwithaprogram,  
executedbyacomputeraccordingtoclaim21, further comprising

a step of providing an occasion of registering the group name corresponding to the mail destination address.

23. A readable-by-computer medium recorded with a program,  
5 executed by a computer according to claim 22, further comprising  
a step of registering the group name inputted by a user in the  
group management information on the occasion of registering the  
group name.

10 24. A readable-by-computer medium recorded with a program,  
executed by a computer according to claim 23, further comprising  
a step of registering a piece of registration reject state  
information in the group management information when the user  
rejects the registration of the group name on the occasion of  
15 registering the group name.

25. A readable-by-computer medium recorded with a program,  
executed by a computer according to claim 22, further comprising  
a step of setting an input count of the mail destination address  
20 in the hysteresis in order to provide the occasion of registering  
the group name.

26. A readable-by-computer medium recorded with a program,  
executed by a computer according to claim 21, further comprising  
25 a step of generating the group name by a predetermined algorithm  
and adding this group name to the group management information.

27. A readable-by-computer medium recorded with a program, executed by a computer according to claim 19, further comprising a step of enabling the user to select whether the process of generating the group is to be executed or not.